

Paterson River Water Balance - 2010/11



Water Balance Component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage volume					
Combined volume in storage at start of year			20,373		
Volume in storage at end of Period			20,395		
Change in storage			22	0%	100%
Spills			213,913		100%
Storage net evaporation			245	0%	100%
Inflows					
Storage Inflows (1)	215,765	57%			100%
Downstream tributaries (2)	162,261	43%			50%
Subtotal	378,026				
Net Water diverted under basic rights					
Domestic and stock rights (3)			552	0%	0%
Native title rights					
Subtotal			552	0%	
Net Water diverted under access licences					
Domestic and stock			-	0%	100%
High security			17	0%	100%
General security			1,149	0%	100%
Local water utility			0	0%	100%
Supplementary water			461	0%	100%
Subtotal			1,627	0%	
Environmental water					
Environmental flows (Plan)			8,319	2%	100%
End of water source excess flows (4)			335,990	89%	90%
Subtotal			344,309	91%	
Other outflows					
Unaccounted difference (5)			31,271	8%	
TOTAL	378,026	100%	378,026	100%	

Notes

- (1) Calculated from volume change, plus evaporation and releases.
- (2) Tributaries where gauged (Halton) - mass balanced to end of system - actual gauging
- (3) Basic rights are not metered. Values presented are those in the Water Sharing Plan.
- (4) Gauged at Gostwyck
- (5) All flows accounted in the mass balance